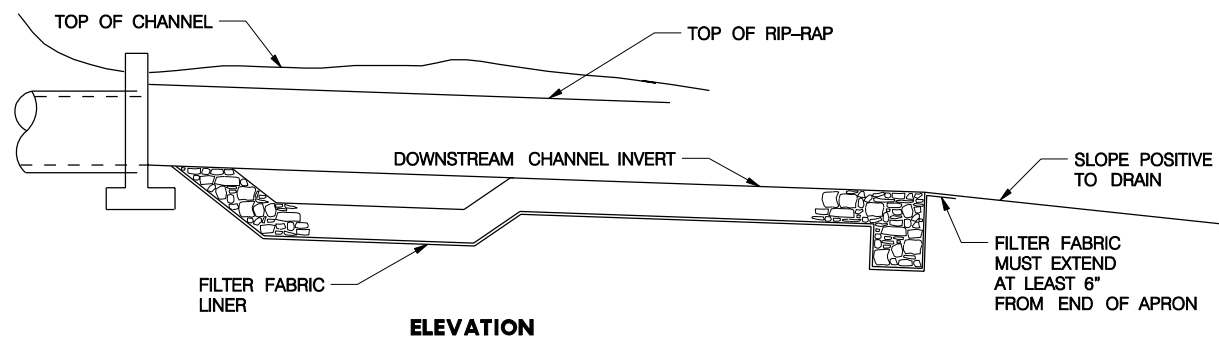
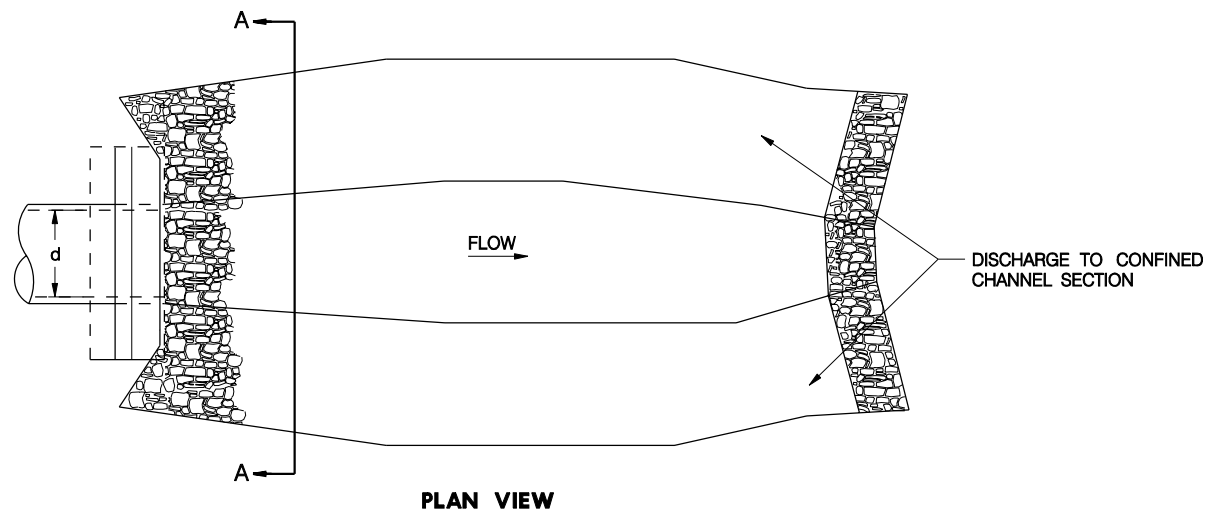
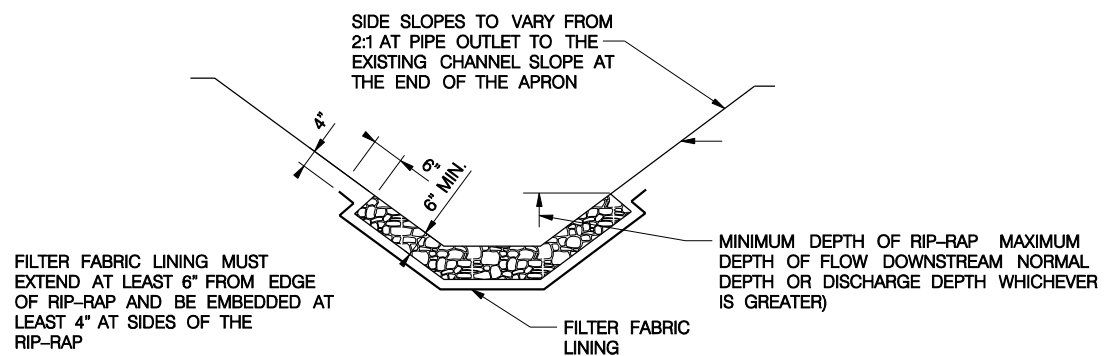


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DATE: Friday, March 17, 2006
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* OUTLET PROTECTION ACCORDING TO
CHAPTER 7 OF THE DRAINAGE CRITERIA MANUAL



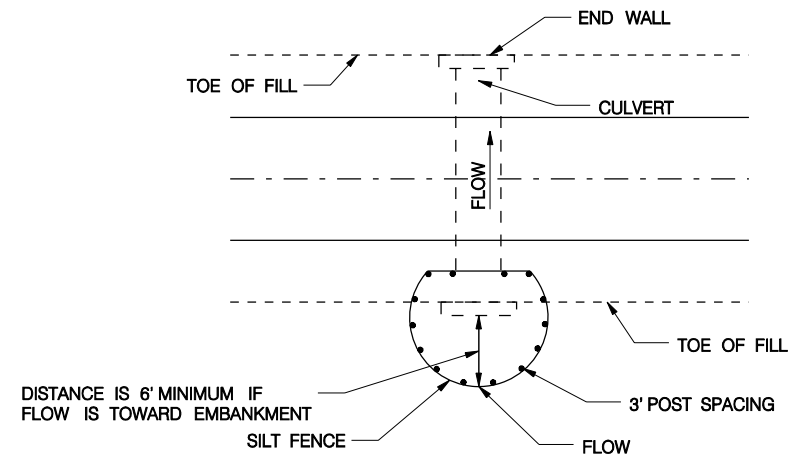
SECTION A-A

ROCK OUTLET PROTECTION

NOTE:
FILTER CLOTH SHALL BE
GEOTEXTILE CLASS C

*SEE CITY OF LINCOLN
DRAINAGE CRITERIA MANUAL
FOR DETERMINING SIZE
OF RIPRAP

NOTE:
REFER TO CHAPTER 8 AND 9 OF THE CITY OF
LINCOLN DRAINAGE CRITERIA MANUAL FOR MORE
INFORMATION ON SEDIMENT AND EROSION CONTROL
MEASURES



NDOR DESIGNATION	ROCK SIZE D50	ROCK SIZE Dmax	100% of Rock Sizes Passing	50% of Rock Sizes Passing	Rock Sizes No More Than 10% Less Than
Type A	0.77 ft	1.28 ft	154.3 Lbs.	33.0 Lbs.	2.2 Lbs.
Type B	1.02 ft	1.61 ft	308.6 Lbs.	77.2 Lbs.	4.4 Lbs.
Type C	1.28 ft	2.12 ft	694.4 Lbs.	154.3 Lbs.	11.0 Lbs.
Broken Concrete	1.10 ft	1.88 ft	Weight approx 100 lbs/cu. ft.		

1. LIMESTONE, QUARTZITE OR OTHER HARD STONE CLEAN OF DEBRIS
2. ROCK SHALL HAVE A DENSITY OF AT LEAST 140 LB/CF
3. EACH PIECE SHALL HAVE NO DIMENSION GREATER THAN 3 TIMES ITS LEAST DIMENSION
4. ROCK SIZE TO BE CHOSEN BY EVALUATING THE APPROPRIATE OUTLET PARAMETERS
5. BROKEN CONCRETE MUST BE CLEAN OF DEBRIS AND CONTAIN NO ASPHALT

